



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSISTANT COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D. C. 20231



Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of:

Yoshinori UEDA

for

Inventor

SEMICONDUCTOR DEVICE HAVING AN INTEGRAL RESISTANCE ELEMENT

Title of Invention

APPLICATION ELEMENTS ENCLOSED:

1. X Specification (total pages 26) including:
 - a. 5 pages of claims (9 claims)
 - b. 1 page Abstract
2. X 9 sheets of informal X formal drawings (Figs. 1-6)
3. X Oath or declaration of Applicants (2 total pages)
 - a. X Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Item 14 completed)
4. Deletion of Inventor(s)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5. Incorporation By Reference
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)

APPLICATION PARTS ENCLOSED:

7. X An assignment of the invention to Ricoh Company, Ltd. (cover sheet & document(s))
8. 37 CFR 3.73(b) Statement (when there is an assignee)
9. X Power of Attorney
 - a. X Newly executed (original or copy)
 - b. Copy from a prior application

- The filing fee is calculated as follows:

					Rate			Fee	
	Number Filed		Number Extra*		Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	9-20	=	0	x	\$ 9	\$ 18	=	\$	\$ 0
Indep. Claims	2-3	=	0	x	\$ 39	\$ 78	=	\$	\$ 0
Multiple Dependent Claims Presented: Yes____ No <u>X</u>					\$130	\$260	=	\$	\$ 0
If the difference in column 1 is less than zero, enter "0" in column 2					Basic Fee			\$ 380	\$ 760
					Total Fee				\$ 760

18. X A check in the amount of \$ 760.00 to cover the filing fee.
19. Please charge Deposit Account No. 03-3125 in the amount of \$ 40.00 for recordation of the Assignment.
20. X The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any overpayment to Deposit Account No. 03-3125.
- X Filing fees under 37 C.F.R. § 1.16.
- X Patent application processing fees under 37 C.F.R. §1.17.
- The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b).
21. X Three copies of this sheet are enclosed.
22. Other (identify) _____

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Yoshinori UEDA

Serial No. : Not Yet Assigned

Group Art Unit:

Date Filed : Concurrently Herewith

Examiner:

For : SEMICONDUCTOR DEVICE HAVING AN INTEGRAL
RESISTANCE ELEMENT

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Assistant Commissioner for Patents
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Washington, D.C. 20231

EXPRESS MAIL
LETTER OF TRANSMITTAL

Express Mail mailing label number: EM157609600US

Date of Deposit: November 1, 1999

I hereby certify that the above-identified application consisting of a 26-page specification, 9 claims, 9 sheets of formal drawings (Figs. 1-6), 3 copies of transmittal form, Information Disclosure Statement, Form PTO-1449 and copies of cited references, executed Declaration and Power of Attorney, 1595 Recordation Form, executed Assignment form, a certified copy of Japanese Patent Appln. No. 10-317265 filed November 9, 1998 and a check for \$40.00 for Assignment fee, and check for \$760 filing fee, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.



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PATENT OFFICE
JAPANESE GOVERNMENT

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R. Akiba

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09/431593
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This is to certify that the annexed is a true copy
of the following application as filed with this office.

Date of Application: November 9, 1998

Application Number: Japanese Patent Application
No. 10-317265

Applicant(s): RICOH COMPANY, LTD.

June 21, 1999

Commissioner,
Patent Office

Takeshi Isayama (Seal)

Certificate No.11-3043628